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## A NEW WAY OF MARKING OBJECTIVES.

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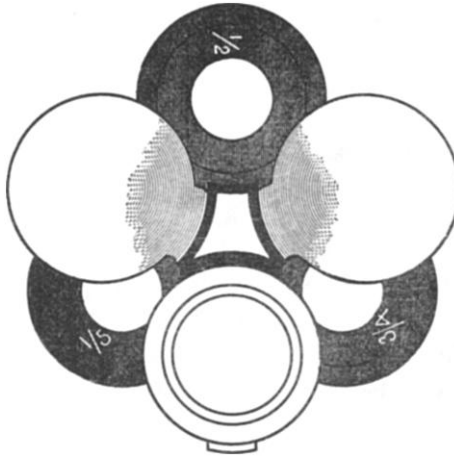
WILLIAM C. KRAUSS, M.D., F.R.M.S., Buffalo, N. Y.

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That every microscopist in demonstrating to his classes in histology or pathology has been annoyed in determining the focus of the various objectives when a nose-piece is used, no one will dare contradict. The small letters or figures, designating the focus, engraved on the body of the objective have often to be sought for with great vexation, necessitating at times the removal of the lens from the nose-piece, or in revolving the lens or nose-piece so that the number will be discernible. Sometimes the microscope must be upturned or the investigator is obliged to place his head on the level with the table, thereby upsetting reagent bottles or provoking other mirth and mischief before he is able to focus his tube correctly and with safety on some valuable slide. This has been the writer's experience, and now that he has finally and so simply solved this perplexing question, submits his discovery to the society, with considerable feeling of pride and gratification.

On the diaphragm in the large part of the objective, or the end that is screwed to the nose-piece, the designation of the lens may be engraved, so that when the nose-piece is revolved the designation of the various lenses will be at once visible. The investigator with one eye at the ocular, need not change his position in bringing all the lenses under the body tube, but can with the other eye see the lens as it swings into place, and can focus with coarse and fine adjustment accordingly. The writer has been well pleased with the focal lengths of the Zeiss objectives, necessitating but one focusing for all the different lenses especially of the dry system. Working with these lenses, marked as I have indicated, on a triple or quadruple nose-piece, is not only a pleasure, but a great convenience.

The accompanying illustration which is purely diagrammatical, represents a triple nose-piece with the objectives  $\frac{1}{2}$ ,  $\frac{3}{4}$  and 1-5 attached, removed from the body tube. The nose-piece is so re-



volved that all the upper surfaces of the lenses are visible, disclosing their designation.